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**CITY OF HOUSTON
700 MHz RADIO
PROJECT RFP UPDATE**

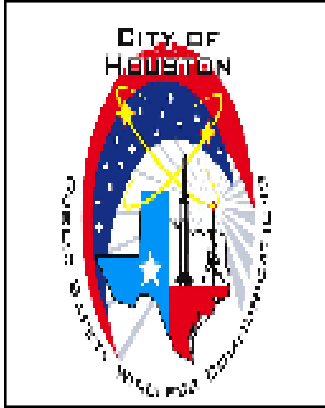
January 2009 – Radio Project Update

As you may have heard already on October 29, 2008 the Council approved the contact between the City and Motorola Inc. for the purchase of the new radio system. This action culminates many months of hard and very detailed work by members of ITD Radio Communications, the Radio Committee Technical Group, the Radio Committee Evaluation Workgroup, RCC Consulting, the Steering Committee, Strategic Purchasing, Miller Van Eaton Attorney, and the Mayor. On November 6, 2008 a letter to proceed was issued by Richard Lewis, CIO to Motorola to Officially kick-off the five-year project to replace the radio systems of HFD, HPD and PWE with a new Project 25 Phase II compliant radio communications system which will be state of the art and one of the largest and newest system of its kind in the Country,

The City and Motorola conducted a project kick-off meeting on November 12, 2008 with an agenda that overviewed the entire project and covered the 11 Project Mile Stones to be achieved over the next five years. On November 24, 2008 the project teams from the City and Motorola held the first meeting to review the first phase of the project which will be the Detailed Design Review Stage which will last through August 5, 2009.

The Detailed Design Review involves the complete review of all technical aspects of the new system including the entire infrastructure to be built, the new radio equipment that will be installed, the new dispatch centers, the entire IP network and the construction of approx. 52 radio and microwave sites to support the new system. The project teams are currently focused on the assessment; review and acquisition of the necessary sites needed to build the infrastructure of the system and ongoing meetings are being conducted to acquire leased site locations with the assistance of the GSD leasing team.

The City and Motorola are scheduled to move in to a collocated office at T.C. Jester and the North Loop in the near future which will be the home of the project for the duration of the project.



**The pessimist sees
difficulty in every
opportunity. The op-
timist sees the op-
portunity in every
difficulty.**

Winston Churchill

Radio System Replacement



STRATEGIC PROJECTS OVERVIEW – Key Tasks & Timelines

- | | |
|--|---------------------|
| • Council Award | 🕒 October 29, 2008 |
| • PM-1 Contract Execution - Notice to proceed | 🕒 November 6, 2008 |
| • Project Kickoff | 🕒 November 12, 2008 |
| • Collocated Project Team - North Loop West | 🕒 February 15, 2009 |
| • PM-2 Detailed Design Review | 🕒 August 5, 2009 |
| • PM-3 System Factory Staging | 🕒 January 15, 2011 |
| • PM-4 Infrastructure Delivered & Operational | 🕒 December 26, 2011 |
| • PM-5 Infrastructure Acceptance Testing Completed | 🕒 March 25, 2012 |
| • PM-6 Infrastructure Test Document Submitted & Approved | 🕒 May 1, 2012 |
| • PM-7 Installation of Initial Subscriber Fleet | 🕒 July 24, 2012 |
| • PM-8 Infrastructure Final Acceptance / 60-Day Burn-In | 🕒 October 16, 2012 |
| • PM-9 147 Critical Building Coverage Test Complete | 🕒 March 5, 2013 |
| • PM-10 Complete transition of Additional City Agencies | 🕒 April 7, 2013 |
| • PM-11 Project Final Acceptance | 🕒 August - 2013 |

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ORGANIZATIONAL CONSULTANTS



Radio System Maintenance and Support Project Status

Highlands Consulting Group, introduced in the previous issue of *The Frequency*, has completed the first phase of the maintenance and support project. This provided an accurate picture of the three radio shops, the services they provide, the resources they have to provide those services, and the challenges they face. The results were discussed with the Steering Committee.

Highlands has been working to help the Steering Committee evaluate options for providing maintenance and support of the new radio system. The Highlands team obtained information from Motorola to identify the maintenance and support needs of the new system. The management of other large radio systems were also contacted to learn from their experiences.

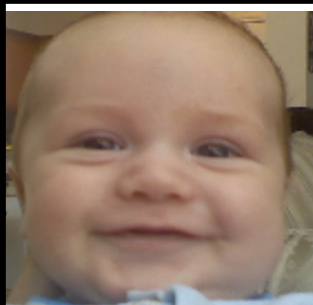
Different options, their advantages and disadvantages, were developed with the assistance of the radio shop managers. The Highlands team also identified the factors that are most important to the Steering Committee members to use to evaluate options. This information was presented to the Steering Committee which has discussed how best to maintain and support the new radio system once it is operational. The Steering Committee will weigh the options and pick the one they feel best meets the needs of the City of Houston and the users of the new radio system.

Highlands Consulting Group, based in Denver, CO, provides consultation, facilitation, survey support, program integration and project management services. It focuses on providing highly skilled experts and cost-effective solutions, while meeting the unique requirements of the governmental organizations and educational institutions it serves. Highlands Consulting maintains ongoing projects with the U.S. Department of Homeland Security in the area of national public safety telecommunications.

GOOD NEWS AND CELEBRATION !!



Conrad Alijah Sanchez Hollon
"CASH"
son of Sandra L. Sanchez-
Hollon and Michael Hollon was
born on
September 10, 2008.



**CHECK OUT OUR
NEW EMAIL
ADDRESS!**

**[radiocomservices@
cityofhouston.net](mailto:radiocomservices@cityofhouston.net)**



Heather Smith,
Daughter of Larry Smith (Radio Communications
Team) made the
Dean's List at San Jacinto College

Robert Emilio Stagg, a
junior inside linebacker
at Katy High School,
helped the Tigers win
their consecutive State
Championship. He is the
son of Robert Stagg
(HFD Radio Shop) and

Maricruz Stagg. Robert will be returning next
year to help the team three peat.



Matt McChesney
(PWE Radio Shop)
graduates from
CAPS class on
January 30, 2009



Tom's TIP

**" To The Bat
Cave! "**



Herman Brown (HFD Radio Shop)
and his wife Maria celebrated
their 24th Wedding Anniversary
on January 12th !

We're on the Web!

**[www.houstontx.gov/it/
radio/index.html](http://www.houstontx.gov/it/radio/index.html)**

MEET THE COH RADIO SHOPS - SPOTLIGHTING HPD, HFD, & PWE

"The Frequency" proudly spotlights different COH — Radio Shop Employees



What is your full name?

Herman Brown

What department do you currently work for?

HPD— Communication Management Division

What is your current position?

Senior Communication Technician

What do you like about your job?

Herman likes that his job provides a service to police officers so that they can provide a public service to the community.

How long have you worked for the City of Houston?

13 Years

Tell us about your education/ training/ certification background?

Herman has an Associates in General Studies from Columbia College and received electronics training from the United States Army.



Tell us about your family.

He is married to Maria, a Senior Buyer in the Solid Waste Department. Herman has two kids: Dana Edwards and Andre Brown.

What are your hobbies?

Herman likes to fly remote / radio airplanes. He also likes to jump from them! (via parachute, of course) Herman owns a motorcycle and also likes camping, boating, and traveling.

Tell us an interesting fact about yourself.

Herman was in the United States Army for 16 years. He spent the last 2 years as an electronics instructor. Herman has been to 4 different countries and found Turkey the most interesting.

What do you hope to see come out of the COH Radio Project?

He hopes that everything works out and the system flows smoothly without many interruptions.

Anything you would like to add?

Herman loves his job because it is fast paced environment and he is always learning.



What is your full name?

Edward Charles "Chuck" Davenport

What department do you currently work for?

HFD—Radio Shop

What is your current position?

Technical Hardware Analyst II

What do you like about your job?

Chuck loves working for the Fire Department and being part that vital communication is up & ready .



How long have you worked for the City of Houston?

1 yr. & 7 months

Tell us about your education/ training/ certification background?

Chuck previously worked for Motorola (12 yrs) and is trained and certified. He has an associates degree in electronics. Chuck also has a lifetime FCC license .

Tell us about your family.

Chuck is married to Maureen for 23 years. They have 3 children—Mike (28), Stephanie (19), and Michelle (18). Michelle is graduating this year from Cypress Spring High School!

What are your hobbies?

Chuck enjoys salt & freshwater fishing.

Tell us an interesting fact about yourself.

Chuck is a 3rd generation electronic technician. His very close brother, John, works for the Public Works Department. They both have electronics flowing through them!

What do you hope to see come out of the COH Radio Project?

Chuck would like to see communications come to the 21st Century (technology wise).

Anything you would like to add?

Chuck enjoys working nights with HFD staff.



What is your full name?

John Clinton Davenport

What department do you currently work for?

PWE—Radio Shop

What is your current position?

Senior Communications Technician

What do you like about your job?

Everything! John is a third generation electronic tech. His grandfather started working in AM/FM radios in 1929 and dad in 1950. John's brother, Chuck works at the HFD—Radio Shop. John loves the people he works with and loves working with radios. He believes strongly in building a relationship with the customer and then helping them fix the problem.

How long have you worked for the City of Houston?

John worked with HFD from 1991—1993. On April 11, he will be with the COH for 4 years.

Tell us about your education/ training/ certification background?

John is Motorola trained and certified after 15 years with the company. He also attended the Brown Institute in Fort Lauderdale. John is FCC / NABER / PCIA licensed.

Tell us about your family.

John is single. He has two sons—William (21) and Thomas (18).

What are your hobbies?

John loves Astros games and sporting events in general. He is an Aeros hockey fan and Pittsburgh Steelers fan. John also likes to fish.



Tell us an interesting fact about yourself.

John was one of the first technicians to leave Motorola and start his own business. He ran his own business for 16 years.

What do you hope to see come out of the COH Radio Project?

John would like to see all city entities work together to bring a successful radio system.

Anything you would like to add?

John would like to send a shout out to his OLDER brother Chuck at HFD!!